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Substit	tute for form 1449A/	PTO			Complete if Known
INF	ORMATIO	N DI	SCLOSURE	Application Number	New
STA	ATEMENT	BY A	APPLICANT	Filing Date	February 24, 2004
•				First Named Inventor	Parekh
				Art Unit	
	(Use as many sheets as necessary)			Examiner Name	
Sheet	1	of	7	Altorney Docket Number	39518/297799

			U.S. PATEN	T DOCUMENTS	
Examiner Initials	Cite No.'	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MA		6,684,250 B2	01/2004	Anderson et al.	
		6,629,136	09/2003	Naidoo	
		6,578,066	06/2003	Logan et al.	
		6,542,739	04/2003	Garner	
		6,526,450	02/2003	Zhang et al.	
		6,513,061	01/2003	Ebata et al.	
		6,505,201	01/2003	Haitsuka et al.	
		6,487,538	11/2002	Gupta et al.	
		6,484,143	11/2002	Swildens et al.	
		6,477,150	11/2002	Maggenti et al.	
		6,466,940	10/2002	Mills et al.	· · · · · · · · · · · · · · · · · · ·
		US/2002/0143991	10/2002	Chow et al.	
		6,442,565	08/2002	Tyra et al.	
		6,425,000	07/2002	Carmello et al.	
1		6,421,726	07/2002	Kenner	
		6,415,323	07/2002	McCanne et al.	
1		6,356,929	03/2002	Gall et al.	
		6,347,078 B1	02/2002	Narvaez/Guarnieri et al.	
13		US/2002/0007374	01/2002	Marks et al.	

Examiner Signature	[Aug]	Date 62//8/07

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INF	ORMATIO	N D	ISCLOSURE	Application Number	New
ST	ATEMENT	BY.	APPLICANT	Filing Date	February 24, 2004
				First Named Inventor	Parekh
				Art Unit	
	(Use as many s	heets a	s necessary)	Exeminer Name	
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		Number - Kind Code ² (if known)			
UB		6,338,082	01/2002	Schneider, Eric	
,		6,324,585	11/2001	Zhang et al.	
		6,286,047	09/2001	Ramanathan et al.	
		6,285,748 B1	09/2001	Lewis	
		6,275,470	08/2001	Ricciulli	
		6,272,343	08/2001	Pon et al.	
1	_	6,272,150 B1	08/2001	Hrastar et al.	
		6,266,607 B1	07/2001	Meis et al.	
		6,259,701	07/2001	Shur et al.	
		6,249,252	06/2001	Dupray	
		6,243,749	06/2001	Sitaraman et al.	
+		6,243,746	06/2001	Sondur et al.	
1.		6,192,312	02/2001	Hummelsheim	
1		6,185,598	02/2001	Farber	
1		6,167,259	12/2000	Shah	
		6,151,631	11/2000	Ansell et al.	
		6,148,338	11/2000	Robinson et al.	
		6,130,890	10/2000	Leinwand et al.	
45		6,091,959	07/2000	Souissi et al.	

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Examiner Signature	Date Considered	02/18/07

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ST	ATEMENT	BY.	APPLICANT	Filing Date	February 24, 2004
				First Named Inventor	Parekh
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	(Use as many sheets as necessary)			Examiner Name	
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U.S. PATENT DOCUMENTS						
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	<u> </u>	Number - Kind Code ² (if known)		•		
40		6,035,332	03/2000	Ingrassia, Jr. et al.	•	
,		6,014,634	01/2000	Scroggie et al.		
		6,012,090	01/2000	Chung et al.		
		6,012,088	01/2000	Li et al.		
		6,012,052	01/2000	Altschuler et al.		
		6,009,081	12/1999	Wheeler et al.		
		5,978,845	11/1999	Reisacher		
		5,948,061 A1	09/1999	Merriman et al.		
		5,948,061	09/1999	Merriman et al.		
		5,944,790	08/1999	Levy		
		5,937,163	08/1999	Lee et al.		
		5,930,474	07/1999	Dunworth et al.		
		5,916,036	06/1999	DeMoss et al.		
+		5,878,126	03/1999	Velamuri et al.		
/ 	_	5,870,561	02/1999	Jarvis et al.		
		5,862,339	01/1999	Bonnaure et al.		
/	_	5,794,217	08/1998	Allen		
		5,777,989	07/1998	McGarvey		
46		5,774,668 A	06/1998	Choquier et al.		

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INF	ORMATIC	ON D	SCLOSURE	Application Number	New
STATEMENT BY APPLICANT				Filing Date	February 24, 2004
				First Named Inventor	Parekh
				Art Unit	
(Use as many sheets as necessary)			s necessary)	Examiner Name	
Sheet	4	of	7	Attorney Docket Number	39518/297799

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		Number - Kind Code ² (# known)			
UB		5,734,891	03/1998	Saigh	
,		5,734,823	03/1998	Saigh et al.	
	-	5,734,651	03/1998	Blakeley et al.	
		5,680,390	10/1997	Robrock II	
		5,659,596	08/1997	Dunn	<u>. </u>
		5,636,276	06/1997	Brugger .	
		5,493,689	02/1996	Waclawsky et al.	
		5,490,252	02/1996	Macera et al.	<u> </u>
		5,488,608	01/1996	Flammer, III	
		5,421,024	05/1995	Faulk, Jr. et al.	
		5,418,731	05/1995	Allen	
		5,291,550	03/1994	Levy et al.	
		5,231,631 A	07/1993	Buhrke et al.	
		5,115,433	05/1992	Baran et al.	
		5,042,032	08/1991	Dighe et al.	
		5,042,027	08/1991	Takahashi et al.	
43		4,939,726	07/1990	Flammer et al.	

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Examiner Signature	Date Consider	red 2/18/07

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STATEMENT BY APPLICANT			Filing Date	February 24, 2004	
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			Art Unit		
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.'	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear]	
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if k.nown)				Π	
UB		WO 02/17139A1	02/2002			T	
- 1/2		WO 01/75698 A	10/2001	Quova, Inc.		T	
		WO 01/57696A1	08/2001			t	
	·	WO 00/22495	04/2000			t	
		AU 5456	02/2000	[No Printed copy			
		WO 99/34305	07/1999			Γ	
-t	, .	WO 99/34305	07/1999	PCT		T	
UK		WO 96/13108	05/1996			\vdash	

NON PATENT LITERATURE DOCUMENTS					
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76		TOMASZ IMIELINSKI and JULIO C. NAVAS; "Geographic Addressing, Routing, and Resource Discovery with the Global Positioning System"; Computer Science Dept. Rutgers, The State University, Piscataway, NJ 08855, Oct. 19, 1996; pp. 1-10.			
		KESSLER & SHEPARD; "A Primer on Internet and TCP/IP Tools and Utilities"; Network Working Group; Request for Comments: 2151; FYI: 30; Obsoletes: RFC 1739; Category: Informational; Http://www.ietff.org/rfc/rfc2151.bd; June 1997; (pp. 1-46).			
YB		"Subnet Masking Definition", www.exabyte.net/lambert/subnet/subnet_masking_definition.htm, JOHN LAMBERT, 1999.			

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INFORMATION DISCLOSURE				Application Number	New	
STATEMENT BY APPLICANT			APPLICANT	Filing Date	February 24, 2004	
				First Named Inventor	Parekh	
				Art Unit		
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Sheet	6	of	7	Attorney Docket Number	39518/297799	

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		MATHEW A. DEBELLIS; "Digital Envoy Greets \$1.1 Million"; VC & Startups; http://www.redherring.com/vc/2000/0229/vc-digitalenvoy022900.html; Feb. 29, 2000; (3 pages).	
		KEVIN S. MCCURLEY, "Geospacial Mapping and Navigation of the Web"; IBM Almaden Research Center; San Jose, CA 95120; May 1-5, 2001; pp. 221-229.	
•		ORKUT BUYUKKOKTEN, "Exploiting Geographical Location Information of Web Pages" Department of Computer Science, Stanford University, Stanford, CA 94305; pp. 1-6.	
		NARUSHIGE SHIODE, "Analyzing the Geography of Internet Address Space" http://geog.ucl.uk/casa/martine/internetspace; pp. 1-3; (date unknown).	
		"Subnet Addressing", Network Computing, by RON COONEY, www.networkcomputing.com/unixworld, tutorial/001.html, (no date given).	
		Rousseau, Jean/Marc; Roy, Serge: GeoRoute: An Interactive Graphics System for Routing and Scheduling Over Street Networks; Sept. 1989; Pages: 161/163	
		"Real Time Geographic Visualization of World Wide Web Traffic" Stephen E. Lamm, Daniel A. Reed, Will H. Scullin. WWW Journal, Issue 3	-
		"Nicname?Whois", Internet Engineering Task Force, Request for Comments 954	
		"A Primer on Internet and TCT/IP Tools and Utilities," Internet Engineering Task Force, Request for Comments 2151	
		"Doimain Name System Security Extensions," Internet Engineering Task Force, Request for Comments 2535	
		"Content Delivery Services: Footprint Streaming Solutions," Brochure from Digital Island	
		"TraceWire White Paper," Brochure from Digital Island, June 1999	

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		"We Know Where You Live," Scott Woolley, Forbes Magazine, November 13, 2000	
		U.S. Provisional application serial no. 60/194,761,. filed April 3, 2000, Christopher Herringshaw et al., inventor.	
		U.S. Provisional application serial no. 60/241,776, filed October 18, 2000, Brad Doctor, et al., inventor.	
		Copy of International Search Report for PCT/US 03/08164 mailed 08/11/03	
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